Mr.SLIM™

M-SERIES

PRODUCT CATALOGUE

AIR CONDITIONER & HEAT PUMP

MITSUBISHI ELECTRIC
Changes for the Better

R-410A
OZONE-FRIENDLY
REFRIGERANT

Mr.SLIM™

M-SERIES

PRODUCT CATALOGUE

The Attraction of Being Untraditional

Mr. Slim M-Series is the ideal solution for homes and light commercial areas with varying needs and applications. M-Series ductless systems are stylish, compact, quiet, attractive and secure. Advanced technology also means your Mr. Slim ductless system will run more efficiently than a conventional unit, saving you from rising energy costs.

Designed for the Toughest Environment

No two buildings are alike. From condos to cottages to houses, each design, each floor plan, each room offers its own challenges for something as important as proper air conditioning and circulation. Mr. Slim systems are designed to adapt to your needs. Reliable, easy to install, and extremely quiet, Mr. Slim systems are powerful enough for the toughest situations, no matter what part of the country you live in.

MITSUBISHI ELECTRIC

Changes for the Better

Mr. SLIM™

ENERGY EFFICIENT

Variable Compressor Speed Inverter Technology

VCSi TECHNOLOGY

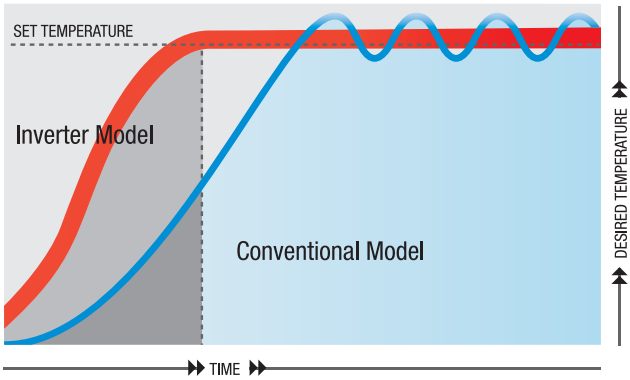
At the heart of Mr. Slim M-Series ductless air conditioners and heat pumps lies Variable Compressor Speed Inverter (**VCSi**) technology. Unlike conventional machines which only cycle between On and Off, **VCSi** systems detect changes in room temperature and readjust the compressor speed to provide high-speed cooling and heating as needed. This means the space maintains a consistent, accurate temperature for the ultimate in comfort, all while using only the power that's needed. By adjusting the air conditioning capacity to run more efficiently, your energy costs are reduced.

VCSi technology saves energy in two ways:

1. **VCSi** features soft-start control, which means the compressor starts up at a minimum speed, then increases its speed to match the required load. This prevents the compressor from drawing the extra amps needed with every start-up, as is the case with a conventional compressor that always runs at the same full speed.

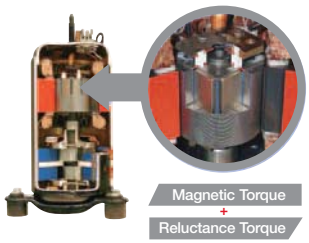
2. Once the desired temperature of the room is reached, the compressor slows down to maintain a constant temperature. By slightly adjusting speed rather than shutting off and on again, electrical loads are kept constant rather than wastefully peaking.

VCSi systems	Conventional systems
VCSi compressor speeds up and slows down to maintain the conditioned space temperature.	Conventional compressor turns on and off to maintain the temperature. A compressor draws more amps at start-up than any other time.
Energy consumed by a **VCSi** compressor is directly related to the required amount of cooling or heating. (Capacity changes as needed.)	Conventional compressor consumes maximum amount of energy to produce maximum amount of cooling or heating at all times. (Capacity does not change.)
VCSi compressor helps system reach its set point quicker by running at a higher RPM for a shorter period of time, then ramps down to maintain temperature.	Conventional compressor runs at same RPM for longer period of time, then switches on and off to maintain temperature.
Indoor temperature swing is minimized with the **VCSi** system because the indoor coil activates longer. As temperature changes slightly, compressor speed also adjusts slightly to compensate.	Conventional system kicks back on at full speed to compensate for small changes in temperature.



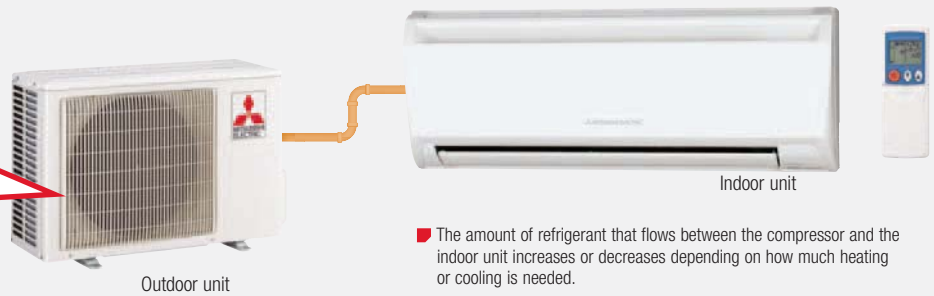
Conventional air conditioners take a longer time to reach their set-point temperature and can only offer you a range of temperatures between the On/Off cycles. VCSi systems closely control the variable compressor speed, so they reach the desired temperature faster and are able to keep the temperature constant by sensing the indoor cooling or heating needs. This allows our products to run more efficiently and reduce energy costs.

Mitsubishi Electric's VCSi Compressor



The compressor automatically varies its speed to match the indoor cooling or heating load. This means it consumes only the energy necessary to match the exact requirements of the room.

A Smart Way to Stay Cool-Headed



Outdoor unit

Indoor unit

The amount of refrigerant that flows between the compressor and the indoor unit increases or decreases depending on how much heating or cooling is needed.

EASY TO INSTALL. EASY TO ENJOY

Mitsubishi Eliminates the Ductwork, and the Guesswork

The main difference between a Mitsubishi Electric Mr. Slim system and a traditional central system is the absence of ducts to distribute the air. This is of significance, especially for locations that lack existing ductwork.

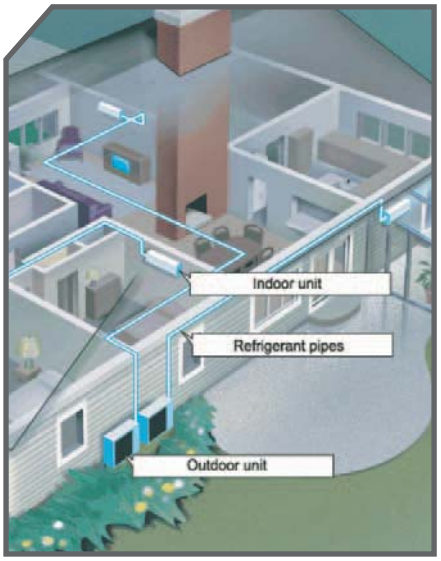
M-Series split ductless systems consist of two units, the indoor unit and the outdoor unit, which are connected by two refrigerant lines running through a small 10 cm opening in the wall or ceiling.

Installation is easy: simply mount the indoor and outdoor units, connect the refrigerant lines and make the needed electrical connections to power the system.

Unlike conventional air conditioning units that cycle on and off, the M-series system is one of the quietest systems on the market. Improvements to the fan blade design and the new grille shape has made outdoor operation very quiet. This makes Mr. Slim the ideal solution for cooling any home or cottage.

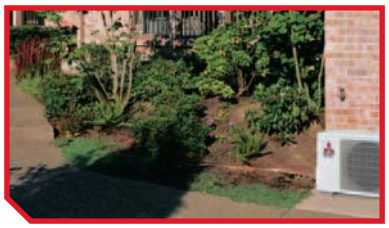
Ductless systems are available in sizes from 9,000 to 24,000 BTU/h, offering one of the widest selections in the industry.

Refrigerant pipes are all you need to connect indoor and outdoor units. This eliminates the need for expensive and obtrusive ductwork to cool your home.



Home Comfort, Room by Room

The ease of installation and flexibility of Mr. Slim means you don't have to restrict your comfort to only one part of your home.



The outdoor unit is so sleek and quiet, your neighbours won't even know you're heating or cooling your home.

Den: Just knowing how efficiently Mr. Slim operates can help give your home a more relaxed atmosphere.

Bedroom: Steady temperatures throughout the night let you sleep soundly in any weather.

Living Room: Whether you're working or relaxing, you'll notice the difference that a constant temperature makes.

6+6 YEARS PARTS & COMPRESSOR WARRANTY*

All Mr. Slim systems installed by an Authorized HVAC† Installer under the Mitsubishi Electric Quality Dealer Training Program will receive an upgrade to an extended 6-year parts and 6-year compressor warranty instead of the standard 2-year parts and 6-year compressor warranty. See your Mitsubishi Electric Authorized Dealer for details.

*When installed by an Authorized HVAC Installer.
†Heating, Ventilating, and Air Conditioning.

MITSUBISHI ELECTRIC
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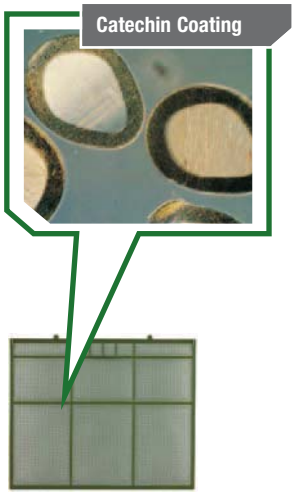
FEATURES

plus catechin air purification system

Catechin Plus Air Purifying Systems consist of Catechin Pre-Filters and Anti-Allergy Blue Enzyme Filters which deodorize, deactivate allergens, eliminate bacteria and promote antiviral effects.

Catechin Plus Pre-Filter

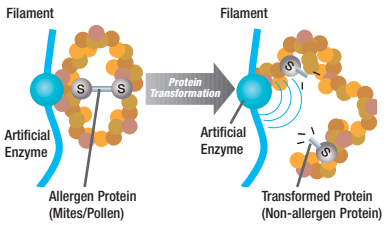
Catechin is a bioflavonoid found in green tea and is known for its deodorizing, anti-bacterial and antiviral properties. With our innovative technology, Catechin has been infused deeply into every cell of the pre-filter to keep the air in your home healthy. Catechin Pre-Filters are washable and are manufactured to last up to 10 years or longer.

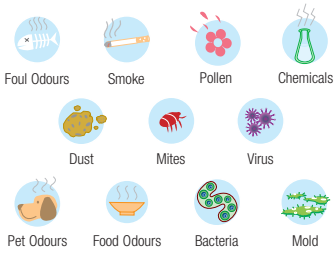


Molecules of the Hybrid Catechin Pre-Filter

Anti-Allergy Blue Enzyme Filter

Traps dust, pollen, mites and other particles that can cause allergic reactions. The artificial enzyme catalyst helps break down S-S bonds in these allergens, transforming them into harmless proteins.



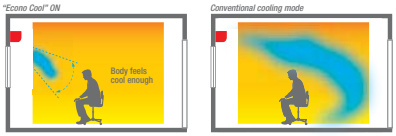


Econo Cool

Intelligent temperature control feature that adjusts airflow direction depending on air outlet temperature. Gain up to 20% in energy efficiency by raising temperature 2 degrees without any loss in comfort.

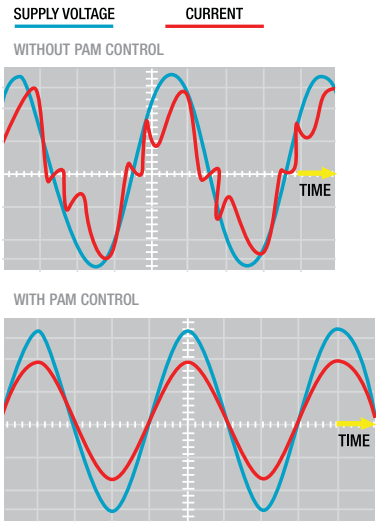
Conventional Cooling

CONVENTIONAL COOLING		"ECONO COOL" ON
Ambient Temperature	35˚C/95˚F	35˚C/95˚F
Set Temperature	25˚C/77˚F	27˚C/80.6˚F
Sensing Temperature	30˚C/86˚F	29.5˚C/85.9˚F



PAM Control

Pulse Amplitude Modulation controls the form of the current wave so that it conforms to the supply voltage wave. With PAM control, up to 98% of the input power supply is effectively used.



LCD Wireless Remote Control

Easier to use than most TV remotes, the wireless controller features a large and easy-to-read display, and lets you adjust fan speed and output modes from anywhere in the room.

Cooling at -10˚C/14˚F

Conventional air conditioners don't cool when outdoor temperatures drop below 20˚C/67˚F. With Mr. Slim intelligent fan speed control, the system performs in cooling mode even when outdoor temperature is down to -10˚C/14˚F.

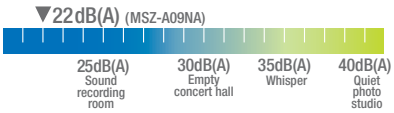
FEATURES

Fuzzy Logic "I Feel"

On auto mode selection, the fuzzy logic control system adjusts conditions to suit you. By tapping the Too Cold or Too Warm button on the remote, the optimum temperature is set and memorized, recalling it whenever you turn on the air conditioner.

Super-Quiet Technology

So quiet, you may not even notice it's on. Advanced technology from Mitsubishi Electric has led to the creation of super-quiet air conditioners suitable for all rooms of your home.



Powerful Cool

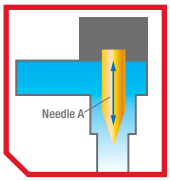
This automatic, one-touch system cools rooms faster by producing more airflow than the 'high' fan speed. This operation automatically returns to its regular setting after 15 minutes for optimized energy efficiency.

Auto Change Over

The system automatically switches between cooling and heating to compensate for changes in room temperature. This maintains comfort with efficient and totally hands-free operation.

New LEV Control

The Linear Expansion Valve (LEV) automatically adjusts the volume of refrigerant flow through the indoor coil according to air conditioning load. When the load is low, the volume is decreased to allow for efficient and economical operation.



Wide & Long Airflow

With the wireless remote, you can adjust left and right airflow directions. Combine this with the 5-Step Vane and Long controls, you can adjust the airflow into 42 different patterns reaching as far as 39 ft from the unit.

Exclusive for MSY/MSZ-A24NA

Auto Mode

Set vane angles and fan speeds to automatically create the most efficient settings for your room.

5-Step Vane Control & Swing Mode

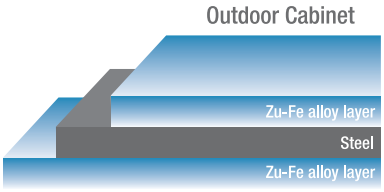
Use your remote to select from five airflow patterns and set the vane to swing automatically for maximum efficiency – all from the comfort of your chair.

Auto Restart

Automatically returns to previous settings after a power blackout. You can now sleep peacefully through the night without having to get up and turn your air conditioner back on.

Anti-Rust

Outdoor unit cabinets are all specially treated with an anti-rust coating to resist the harshest conditions.



Self-Diagnostic Function

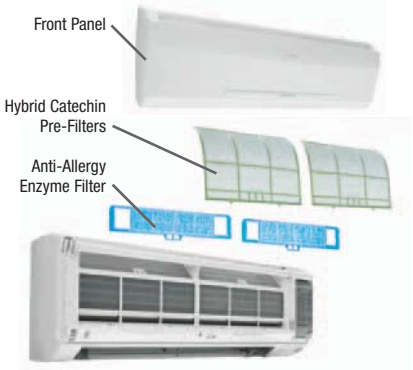
LED display on the indoor unit flashes to indicate areas to check in the event of malfunctions.

24-Hour ON/OFF Timer

Save energy cost while keeping your home comfortable. Set unit to turn on automatically just before coming home from work, or set it turn off when operation is unnecessary, such as when you're asleep.

Easy-Clean Design

Front panel detaches easily, allowing you to clean vents and filters so as to maintain operating efficiency and energy savings.



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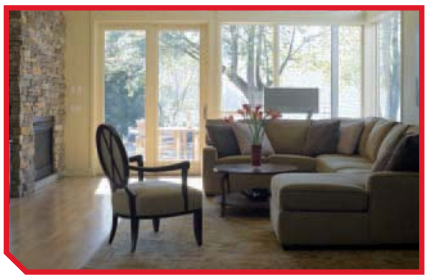
Changes for the Better

Mr. SLIM™ FD-MODEL NEW

Mitsubishi Electric introduces a new level of comfort with the stylish MSZ-FD ductless heating and cooling units. Beautifully designed to complement any decor, these powerhouse units are the most advanced and most efficient models we've ever created.

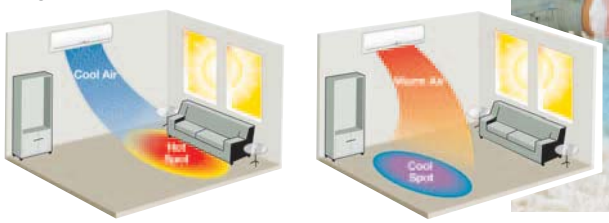


i-see Sensor A New Way of Looking at Total Comfort.

Mr. Slim's FD-model uses the revolutionary i-see Sensor that detects more than just room temperature.

Room temperature is only one of the factors which affect human thermal comfort as defined by the industry standard.* Equally important factors include radiant temperature, air movement, humidity, etc. Mr. Slim FD-model is equipped with the industry-first i-see Sensor which measures radiant hot and cool spots in the room and focuses airflow to those specific areas.

This intelligent system not only maintains air temperature, but also controls air movement and humidity levels to prevent excessive heating or cooling and unnecessary operation. As a result, you enjoy total comfort and less energy waste – something that conventional systems were never designed to do.



i-see Sensor detects radiant hot and cool spots in the room and focuses airflow to those specific areas.
150°
COOL SPOT
SET ROOM TEMPERATURE

*American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE) Standard 55

ADVANCED NEW FEATURES ALSO INCLUDE:

- **Platinum Deodorizing Filter.** The filter element contains Platinum Catalyst, which increases deodorizing performance. And with the advanced nano-technology, odour-releasing particles are being absorbed much more efficiently at the molecular level.
- **Powerful Mode.** Now available in both heating and cooling modes to provide you with quick comfort just as soon as you need it.
- **Horizontal and Vertical Vane Control.** Both sets of vanes are now motorized to deliver the air more evenly across the room.

FEATURES & SPECIFICATIONS

ENERGY STAR
HIGH EFFICIENCY
HAUTE EFFICACITÉ

i-see Sensor

UP TO 23 SEER

Optional accessories available. Visit www.mrslim.ca for more information.

Model			MSZ-FD09NA NEW	MSZ-FD12NA NEW
Capacity (Rated)	Cooling	Btu/h	9,000	12,000
Capacity (Min ~ Max)		Btu/h	2,800 ~ 9,000	2,800 ~ 12,000
Capacity (Rated)	Heating	Btu/h	10,900	13,600
Capacity (Min ~ Max)		Btu/h	3,000 ~ 18,000	3,000 ~ 21,000
Power Consumption (Min ~ Max)	Cooling	W	650 (160 ~ 650)	960 (160 ~ 960)
	Heating	W	750 (150 ~ 2,400)	980 (150 ~ 2,400)
EER	Cooling		13.8	12.5
SEER	Cooling		23	22
HSPF	Heating		10.55	10.55
Capacity Control			Variable Compressor Speed (VCSi)	
Refrigerant			R-410A	
Power Supply	V, Phase, Hz		208/230, 1, 60	
Moisture Removal	Pints/h		2.1	2.9
Airflow (Low/Med/Hi)	CFM Dry		166 / 240 / 381	166 / 240 / 420
Sound Indoor (Low/Med/Hi)	Heating	dB(A)	22 / 31 / 40	22 / 33 / 43
Sound Outdoor	Heating	dB(A)	49	49
Max. Fuse Size	Indoor	A	15	15
(Time Delay)	Outdoor	A	15	15
Min. Ampacity	Indoor	A	1.0	1.0
	Outdoor	A	12	12
Fan Speed Control			5 (Auto, Powerful, Hi, Med, Low)	
Horizontal Airflow Direction			Manual, Swing	
Vertical Airflow Direction			Auto, Manual, Swing	
Air Filters (Washable)			3 (Air Filter, Platinum, Blue Enzyme)	
Dimension	Indoor	in.	11-5/8 x 31-7/16 x 10-1/8	
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4	
Weight	Indoor	lbs.	27	
	Outdoor	lbs.	80	
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	
Max. Height Difference		Ft.	40	
Max. Pipe Length		Ft.	65	

(NEW) (NEW) (NEW)

R-410A OZONE-FRIENDLY REFRIGERANT

VCSi TECHNOLOGY

All test conditions are based on ARI 210/240.
Rating conditions: Cooling — Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency
Heating — Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency

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Model			MS-A09WA	MS-A12WA	MSY-A15NA
Capacity (Rated)	Cooling	Btu/h	9,500	12,000	15,000
Capacity (Min ~ Max)	Cooling	Btu/h	——	——	3,100 ~ 15,000
Power Consumption(Min ~ Max)	Cooling	W	870	1,070	1,690 (210 ~ 1,690)
SEER	Cooling		13.0	13.0	16.0
Capacity Control			Fixed Compressor	Fixed Compressor	Variable Speed Compressor (VCSi)
Refrigerant			R-410A	R-410A	R-410A
Power Supply	V, Phase, Hz		115, 1, 60	115, 1, 60	208/230, 1, 60
Moisture Removal	Pints/h		2.7	3.2	4.7
Airflow (Low/Med/Hi)	CFM Dry		183 / 261 / 335	222 / 286 / 406	268 / 328 / 381
Sound Indoor (Low/Med/Hi)	Cooling	dB(A)	26 / 32 / 40	33 / 38 / 45	34 / 40 / 45
Sound Outdoor	Cooling	dB(A)	47	52	50
Max. Fuse Size	Indoor	A	15	15	15
(Time Delay)	Outdoor	A	15	20	15
Min. Ampacity	Indoor	A	1.2	1.2	1.0
	Outdoor	A	14	16	14
Fan Speed Control			5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)
Horizontal Airflow Direction			Manual	Manual	Manual
Vertical Airflow Direction			Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing
Air Filters (Washable)			Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter)		
Dimension	Indoor	in.	11-3/4 x 30-11/16 x 8-1/4	11-3/4 x 30-11/16 x 8-1/4	11-3/4 x 30-11/16 x 8-1/4
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4	23-13/16 x 33-7/16 x 11-7/16	21-5/8 x 31-1/2 x 11-1/4
Weight	Indoor	lbs.	23	23	23
	Outdoor	lbs.	78	96	88
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2
Max.Height Difference		Ft.	35	35	40
Max. Pipe Length		Ft.	65	65	65

VCSi TECHNOLOGY · PAM Control · NEW LEV · COOLING AT 14°F

All features may not apply to all models. Ask your Dealer for details.

All test conditions are based on ARI 210/240.
Rating conditions: Cooling — Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency
Heating — Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency

SINGLE DUCTLESS SPLIT SYSTEMS

COOLING ONLY

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Fuzzy Logic "I Feel" Mode for Comfort Cooling
- Super-Quiet Technology
- Wide & Long Airflow – Up to 100°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty

MS-A09/12WA
MSY-A15/17NA

MSY-A24NA

NEW

MSY-D30/36NA

Optional accessories available. Visit www.mrslim.ca for more information.

MSY-A17NA	MSY-A24NA	MSY-D30NA NEW	MSY-D36NA NEW
16,200	22,000	30,700	34,600
3,100 ~ 16,200	4,400 ~ 22,000	9,800 ~ 30,700	9,800 ~ 34,600
2,070 (210 ~ 2,070)	2,880 (290 ~ 2,880)	3,380 (620 ~ 3,380)	4,240 (620 ~ 4,240)
16.0	16.0	16.0	15.1
Variable Speed Compressor (VCSi)	Variable Speed Compressor (VCSi)	Variable Speed Compressor (VCSi)	Variable Speed Compressor (VCSi)
R-410A	R-410A	R-410A	R-410A
208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
5.1	7.3	9.9	11.9
268 / 328 / 381	296 / 431 / 568	389 / 639 / 848	389 / 639 / 848
34 / 40 / 46	34 / 40 / 49	32 / 42 / 49	32 / 42 / 49
52	55	55	56
15	15	15	15
15	20	25	25
1.0	1.0	1.0	1.0
14	17	21	21
5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)
Manual	Manual, Swing	Manual, Swing	Manual, Swing
Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing
Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter)			
11-3/4 x 30-11/16 x 8-1/4	12-13/16 x 43-5/16 x 10-1/4	14-3/8 x 46-1/16 x 11-5/8	14-3/8 x 46-1/16 x 11-5/8
21-5/8 x 31-1/2 x 11-1/4	33-7/16 x 33-1/16 x 13	33-7/16 x 33-1/16 x 13	33-7/16 x 33-1/16 x 13
23	37	40	40
88	128	126	126
1/4 x 1/2	1/4 x 5/8	3/8 x 5/8	3/8 x 5/8
40	50	50	50
65	100	100	100

R-410A OZONE-FRIENDLY REFRIGERANT

VCSi TECHNOLOGY

MITSUBISHI ELECTRIC
Changes for the Better

Mr. SLIM™

Model			MSZ-A09NA	MSZ-A12NA	MSZ-A15NA
Capacity (Rated)	Cooling	Btu/h	9,000	12,000	15,000
Capacity (Min ~ Max)	Cooling	Btu/h	5,500 ~ 9,000	5,700 ~ 12,000	3,100 ~ 15,000
Capacity (Rated)	Heating	Btu/h	10,900	13,600	18,000
Capacity (Min ~ Max)	Heating	Btu/h	5,200 ~ 12,600	5,200 ~ 13,600	3,400 ~ 20,900
Power Consumption	Cooling	W	690 (390 ~ 690)	1,170 (395 ~ 1,170)	1,690 (210 ~ 1,690)
(Min ~ Max)	Heating	W	860 (350 ~ 1,100)	1,160 (350 ~ 1,160)	1,790 (250 ~ 2,330)
SEER	Cooling		17.0	17.0	16.0
HSPF	Heating		8.2	8.2	8.2
Capacity Control			Variable Compressor Speed (VCSi)	Variable Compressor Speed (VCSi)	Variable Compressor Speed (VCSi)
Refrigerant			R-410A	R-410A	R-410A
Power Supply	V, Phase, Hz		208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
Moisture Removal	Pints/h		2.3	3.2	4.7
Airflow (Low/Med/Hi)	CFM Dry		159 / 222 / 307	159 / 240 / 353	254 / 314 / 381
Sound Indoor (Low/Med/Hi)	Heating	dB(A)	22 / 33 / 38	22 / 34 / 42	34 / 38 / 44
Sound Outdoor	Heating	dB(A)	48	48	51
Max. Fuse Size	Indoor	A	15	15	15
(Time Delay)	Outdoor	A	15	15	15
Min. Ampacity	Indoor	A	1.0	1.0	1.0
	Outdoor	A	12	12	14
Fan Speed Control			5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)
Horizontal Airflow Direction			Manual	Manual	Manual
Vertical Airflow Direction			Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing
Air Filters (Washable)			Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter)		
Dimension	Indoor	in.	11-3/4 x 30-11/16 x 8-1/4	11-3/4 x 30-11/16 x 8-1/4	11-3/4 x 30-11/16 x 8-1/4
(H x W x D)	Outdoor	in.	21-5/8 x 31-1/2 x 11-1/4	21-5/8 x 31-1/2 x 11-1/4	21-5/8 x 31-1/2 x 11-1/4
Weight	Indoor	lbs.	23	23	23
	Outdoor	lbs.	82	82	88
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 3/8	1/4 x 1/2
Max. Height Difference		Ft.	40	40	40
Max. Pipe Length		Ft.	65	65	65

VCSI TECHNOLOGY · PAM Control · NEW LEV · ACO · COOLING AT 14°F

All features may not apply to all models. Ask your Dealer for details.

All test conditions are based on ARI 210/240.
Rating conditions: Cooling — Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency
Heating — Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency

SINGLE DUCTLESS SPLIT SYSTEMS

HEAT PUMP

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Auto Change Over between Cooling & Heating
- Super-Quiet Technology – Only 22dB(A)
- High-Speed Cooling and Heating
- Wide & Long Airflow – Up to 150°
- Long Pipe Runs – Up to 100 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty

MSZ-A09/12/15/17NA

MSZ-A24NA

NEW

MSZ-D30/36NA

Optional accessories available. Visit www.mrslim.ca for more information.

MSZ-A17NA	MSZ-A24NA	MSZ-D30NA NEW	MSZ-D36NA NEW
16,200	22,000	30,700	33,200
3,100 ~ 16,200	4,400 ~ 22,000	9800 ~ 30,700	9,800 ~ 33,200
20,100	23,200	32,600	35,200
3,400 ~ 20,900	3,600 ~ 24,400	8,700 ~ 34,000	8,700 ~ 36,000
2,070 (210 ~ 2,070)	2,880 (290 ~ 2,880)	3,850 (620 ~ 3,850)	4,360 (620 ~ 4,360)
2,150 (250 ~ 2,330)	2,350 (260 ~ 2,570)	3,360 (520 ~ 3,600)	3,840 (520 ~ 4,100)
16.0	16.0	14.5	14.5
8.2	8.2	8.2	8.2
Variable Compressor Speed (VCSi)	Variable Compressor Speed (VCSi)	Variable Compressor Speed (VCSi)	Variable Compressor Speed (VCSi)
R-410A	R-410A	R-410A	R-410A
208/230, 1, 60	208/230, 1, 60	208/230, 1, 60	208/230, 1, 60
5.1	7.3	9.9	11.3
254 / 314 / 381	296 / 486 / 568	445 / 639 / 848	445 / 639 / 848
34 / 38 / 44	34 / 40 / 48	34 / 42 / 49	34 / 42 / 49
53	55	57	57
15	15	15	15
15	20	25	25
1.0	1.0	1.0	1.0
14	17	21	21
5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)	5 (Auto, Powerful, Hi, Med, Low)
Manual	Manual, Swing	Manual, Swing	Manual, Swing
Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing	Auto, Manual, Swing
Catechin Plus Air Purifying System (Catechin Plus Pre-Filter, Anti-Allergy Blue Enzyme Filter)			
11-3/4 x 30-11/16 x 8-1/4	12-13/16 x 43-5/16 x 10-1/4	14-3/8 x 46-1/16 x 11-5/8	14-3/8 x 46-1/16 x 11-5/8
21-5/8 x 31-1/2 x 11-1/4	33-7/16 x 33-1/16 x 13	33-7/16 x 33-1/16 x 13	33-7/16 x 33-1/16 x 13
23	37	40	40
88	128	141	141
1/4 x 1/2	1/4 x 5/8	3/8 x 5/8	3/8 x 5/8
40	50	50	50
65	100	100	100

R-410A OZONE-FRIENDLY REFRIGERANT

VCSi TECHNOLOGY

MITSUBISHI ELECTRIC

Changes for the Better

Mr. SLIM™

MULTI-DUCTLESS SPLIT SYSTEMS

NEW

HEAT PUMP

- Catechin Plus Air Purifying System
- Variable Compressor Speed Inverter Technology
- Ozone-Friendly R-410A Refrigerant
- Significant Energy Savings (up to 30%)
- Up to 30 combinations of 2:1, 3:1 or 4:1 systems
- Auto Change Over Between Cooling & Heating
- Super-Quiet Technology – Only 22dB(A)
- High-Speed Cooling and Heating
- Long Pipe Runs – Up to 230 ft.
- Refrigerant Pre-Charged
- Easy Installation – No Ductwork Needed
- 2-Year Parts Warranty
- 6-Year Compressor Warranty

Optional accessories available. Visit www.mrslim.ca for more information.

Model			MXZ-2A20NA	MXZ-3A30NA	MXZ-4A36NA NEW
Capacity (Rated)	Cooling	Btu/h	20,000	28,400	36,000
Capacity (Min ~ Max)	Cooling	Btu/h	7,800 ~ 20,000	12,600 ~ 28,400	12,600 ~ 36,400
Capacity (Rated)	Heating	Btu/h	22,000	28,600	36,000
Capacity (Min ~ Max)	Heating	Btu/h	8,500 ~ 22,000	11,400 ~ 36,000	11,400 ~ 43,000
Power Consumption	Cooling	W	2,150 (630 ~ 2,150)	3,250 (1,000 ~ 3,250)	3,820 (1,000 ~ 3,900)
(Min ~ Max)	Heating	W	1,780 (520 ~ 1,780)	2,180 (740 ~ 2,880)	3,100 (740 ~ 4,350)
SEER	Cooling		15.0	16.0	16.0
HSPF	Heating		9.0	10.0	9.5
Capacity Control			Variable Compressor Speed (VCSi)		
Refrigerant			R-410A		
Power Supply	V, Phase, Hz		208/230, 1, 60		
Connectable Indoor Units			2	2 ~ 3	2 ~ 4
Sound Outdoor	dB(A)		51	49	57
Max. Fuse Size (Time Delay)	A		20	20	20
Min. Ampacity	A		15	15	19
Dimension (H x W x D)	in.		27-15/16 x 33-1/16 x 13	35-7/16 x 35-7/16 x 12-5/8	35-7/16 x 35-7/16 x 12-5/8
Weight	lbs.		130	148	150
Pipe Size	Liq. X Gas	in.	1/4 x 3/8	1/4 x 1/2	1/4 x 1/2
Max. Height Difference	Ft.		49	49	49
Max. Pipe Length	Ft.		164	230	230

Indoor Unit Combinations

Indoor Units	MXZ-2A20NA	MXZ-3A30NA			MXZ-4A36NA				NEW
MSZ-A09NA (09)	09 + 09	09 + 09	12 +12	09 + 09 + 09	09+09	12+15	09+09+12	09+12+17	12+12+17
MSZ-A12NA (12)	09 + 12	09 + 12	12 +15	09 + 09 + 12	09+12	12+17	09+09+15	09+15+15	12+15+15
MSZ-A15NA (15)	09 + 15	09 + 15	12 +17	09 + 09 + 15	09+15	15+15	09+09+17	09+15+17	09+09+09+09
MSZ-A17NA (17)	12 + 12	09 + 17	15 +15	09 + 09 + 17	09+17	15+19	09+09+24	09+17+17	09+09+09+12
MSZ-A24NA (24)		09 + 24	15 +17	09 + 12 + 12	09+24	17+17	09+12+12	12+12+12	09+09+09+15
			17 +17	12 + 12 + 12	12+12	09+09+09	09+12+15	12+12+15	09+09+12+12

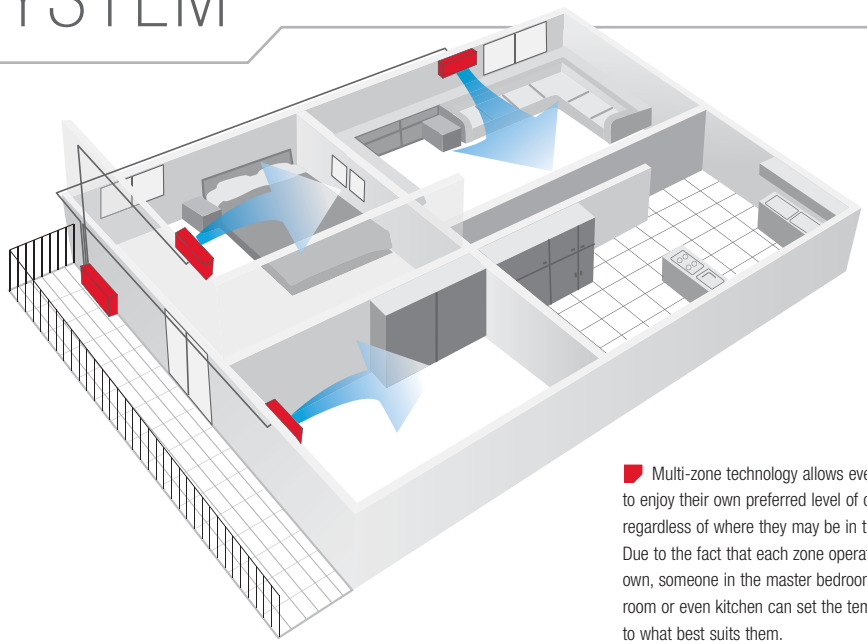
All features may not apply to all models. Ask your Dealer for details.

All test conditions are based on ARI 210/240.
Rating conditions:"Cooling - Indoor: 80°FDB, 67°FWB; Outdoor: 95°FDB, 75°FWB; Rated frequency"
"Heating - Indoor: 70°FDB, 60°FWB; Outdoor: 47°FDB, 43°FWB; Rated frequency"

MULTI-SPLIT SYSTEM

The Convenient Way to Enhance any Interior

Your Mitsubishi Electric multi-split system could be the best solution for balancing the use of available space with available money. The innovative design of the system lets you mix and match several indoor units to fit the layout of the home. Plus, if you ever need to add additional units, they're easy to install and add to your existing system.



Multi-zone technology allows everyone to enjoy their own preferred level of comfort regardless of where they may be in the home. Due to the fact that each zone operates on its own, someone in the master bedroom, living room or even kitchen can set the temperature to what best suits them.

Mitsubishi Electric Quality

Mitsubishi Electric Quality marks over 70 years of excellence in technology, design and manufacturing, representing the highest standards of comfort, durability and efficiency.

Our quality assurance program is guided by our stringent Quality Policy, which ensures that all phases of the development process – from design and manufacture to the finished product – must meet our standards.

What it means to you is that Mitsubishi Electric simply makes the best air conditioners that you can buy today.

COMFORT	DURABILITY	EFFICIENCY
Quiet operation	Strict performance tests	Energy saving
Optimal temperature distribution	Easy-to-clean design	Money saving
Clean, filtered air	Replacement parts available	Space saving

The Mitsubishi Electric Difference

Our commitment to innovation and technology is exceeded only by our commitment to service – we stand behind every product that bears the Mitsubishi name. And we demonstrate this by offering you our 2-year parts and 6-year compressor warranty that's among the best in the industry.

Through our competent distributor network, strong service support and unmatched parts availability, it is our assurance to you that you will enjoy the comfort and true quality that only Mitsubishi Electric can offer.

Because of our high quality standards, Mitsubishi Electric will upgrade your standard (2-year parts and 6-year compressor) warranty to an extended 6-year parts and 6-year compressor warranty when your Mr. Slim M-Series system is installed by an Authorized HVAC Installer. An additional limited labour warranty may be available in some provinces from the Authorized Dealer. For more information, please contact your local Distributor or MEQ Dealer.

Line test

Sound test

Performance test

Endurance test

Heat stress test

Saltwater spray test

R-410A OZONE-FRIENDLY REFRIGERANT

VCSi TECHNOLOGY

MITSUBISHI ELECTRIC
Changes for the Better